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PATENT COOPERATION TREATY

U.S. Application No. : 09/857,120
Int'l Application No. : PCT/SG98/00098
Int'l Filing Date : December 2, 1998
Inventor : Foo Yuen Leong
Title : FIXED-POINT MULTIPLICATION
FOR ADPCM SPEECH CODER
Docket No. : 851663.429USPC
Date : September 28, 2001

Box PCT
Commissioner for Patents
Washington, DC 20231-0001

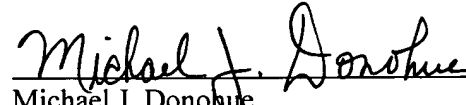
INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicant wishes to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449 (copies of the cited references are enclosed). As to any reference supplied, applicant does not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserves the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicant's duty to disclose all information he is aware of which is believed relevant to the examination of the above-identified application, applicant believes that his invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,
Seed Intellectual Property Law Group PLLC



Michael J. Donohue
Registration No. 35,859

Enclosures:

Postcard
Form PTO/SB/21
Form PTO-1449
International Search Report
Cited references (2)

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| FORM PTO-1449 (REV.7-80) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. 851663.429USPC | APPLICATION NO. 09/857,120 |
| INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i> | | APPLICANT Foo Yuen Leong | |
| | | INTERNATIONAL FILING DATE December 2, 1998 | GROUP ART UNIT Unknown |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|----------|-------------|-------|----------|-------------------------------|
| | AA | 4,876,660 | 10/24/89 | Owen et al. | 364 | 754 | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION | |
|--|----|--------------------|------|---------|-------------|----|
| | | | | | YES | NO |
| | AK | | | | | |
| | AL | | | | | |
| | AM | | | | | |
| | AN | | | | | |
| | AO | | | | | |

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

| | | |
|--|----|---|
| | AP | Matsumura et al., "VLSI DSP (MB8764) Based Adaptive Speech Codec," <i>International Symposium on Circuits and Systems Proceedings 3</i> (3): 1121-1124, June 5-7, 1985, Kyoto, Japan. |
| | AQ | |
| | AR | |

| | |
|---|-----------------|
| EXAMINER | DATE CONSIDERED |
| * EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant(s). | |